PEAUS 28 AUG 2001

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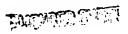


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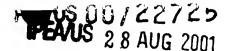
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		Leu	Lys 1	Ser L300	Ile	Asn	Gly	Asn 1	Ile .305	Asn	Thr	Ile		Ser .310	Ile	Thr	
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1380

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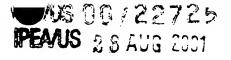
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PAL 34 Phr.



								P]	klse	q1.a	ga					
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Arg Glu Phe Ala Thr Trp Ala Pro Gln Met Asn Val Val Met Tyr Phe 340 345 350

Gly Thr Ala Gln Ala Arg Ala Val Ile Arg Glu His Glu Phe Tyr Leu 355 360 365

Ser Lys Asp Gln Lys Lys Ile Lys Lys Lys Lys Ser Gly Gln Ile Ser 370 380

Ser Glu Ser Lys Gln Lys Arg Ile Lys Phe Asp Val Leu Leu Thr Ser 385 390 395 400

Tyr Glu Met Ile Asn Leu Asp Ser Ala Val Leu Lys Pro Ile Lys Trp
405 410 415

Glu Cys Met Ile Val Asp Glu Gly His Arg Leu Lys Asn Lys Asp Ser 420 425 430

Lys Leu Phe Ser Ser Leu Thr Gln Tyr Ser Ser Asn His Arg Ile Leu 435 440 445

Leu Thr Gly Thr Pro Leu Gln Asn Asn Leu Asp Glu Leu Phe Met Leu 450 460

Met His Phe Leu Asp Ala Gly Lys Phe Gly Ser Leu Glu Glu Phe Gln
465 470 475 480

Glu Glu Phe Lys Asp Ile Asn Gln Glu Glu Gln Ile Ser Arg Leu His 485 490 495

Lys Met Leu Ala Pro His Leu Leu Arg Arg Val Lys Lys Asp Val Met 500 505 510

Lys Asp Met Pro Pro Lys Lys Glu Leu Ile Leu Arg Val Asp Leu Ser 515 520 525

Ser Leu Gln Lys Glu Tyr Tyr Lys Ala Ile Phe Thr Arg Asn Tyr Gln 530 540



Val Leu Thr Lys Lys Gly Gly Ala Gln Ile Ser Leu Asn Asn Ile Met 545 550 555 560

Met Glu Leu Arg Lys Val Cys Cys His Pro Tyr Met Leu Glu Gly Val 565 570 575

Glu Pro Val Ile His Asp Ala Asn Glu Ala Phe Lys Gln Leu Leu Glu 580 585 590

Ser Cys Gly Lys Leu Gln Leu Leu Asp Lys Met Met Val Lys Leu Lys 595 600 605

Glu Gln Gly His Arg Val Leu Ile Tyr Thr Gln Phe Gln His Met Leu 610 620

Asp Leu Leu Glu Asp Tyr Cys Thr His Lys Lys Trp Gln Tyr Glu Arg 625 630 635 640

Ile Asp Gly Lys Val Gly Gly Ala Glu Arg Gln Ile Arg Ile Asp Arg 645 650 655

Phe Asn Ala Lys Asn Ser Asn Lys Phe Cys Phe Leu Leu Ser Thr Arg 660 665 670

Ala Gly Gly Leu Gly Ile Asn Leu Ala Thr Ala Asp Thr Val Ile Ile 675 680 685

Tyr Asp Ser Asp Trp Asn Pro His Ala Asp Leu Gln Ala Met Ala Arg 690 695 700

Ala His Arg Leu Gly Gln Thr Asn Lys Val Met Ile Tyr Arg Leu Ile 705 710 715 720

Asn Arg Gly Thr Ile Glu Glu Arg Met Met Gln Leu Thr Lys Lys 735 735

Met Val Leu Glu His Leu Val Val Gly Lys Leu Lys Thr Gln Asn Ile Page 13

740

Pklseq1.app 745

750

Asn Gln Glu Glu Leu Asp Asp Ile Ile Arg Tyr Gly Ser Lys Glu Leu 755 760 765

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Asp Asp Ala Ala Ile Asp Lys Leu Leu Asp Arg Asp Leu Val Glu Ala
785 790 795 800

Glu Glu Val Ser Val Asp Asp Glu Glu Glu Asn Gly Phe Leu Lys Ala 805 810 815

Phe Lys Val Ala Asn Phe Glu Tyr Ile Asp Glu Asn Glu Ala Ala Ala 820 825 830

Leu Glu Ala Gln Arg Val Ala Ala Glu Ser Lys Ser Ser Ala Gly Asn 835 840 845

Ser Asp Arg Ala Ser Tyr Trp Glu Glu Leu Leu Lys Asp Lys Phe Glu 850 860

Leu His Gln Ala Glu Glu Leu Asn Ala Leu Gly Lys Arg Lys Arg Ser 870 875 880

Arg Lys Gln Leu Val Ser Ile Glu Glu Asp Asp Leu Ala Gly Leu Glu 885 890 895

Asp Val Ser Ser Asp Gly Asp Glu Ser Tyr Glu Ala Glu Ser Thr Asp 900 905 910

Gly Glu Ala Ala Gly Gln Gly Val Gln Thr Gly Arg Arg Pro Tyr Arg 915 920 925

Arg Lys Gly Arg Asp Asn Leu Glu Pro Thr Pro Leu Met Glu Gly Glu 930 935 940

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Pklseq1.app
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945 950 955 960

Phe Val Gln Thr Leu Met Arg Tyr Gly Ala Gly Asn Phe Asp Trp Lys 965 970 975

Glu Phe Val Pro Arg Leu Lys Gln Lys Thr Phe Glu Glu Ile Asn Glu 980 985 990

Tyr Gly Ile Leu Phe Leu Lys His Ile Ala Glu Glu Ile Asp Glu Asn 995 1000 1005

Ser Pro Thr Phe Ser Asp Gly Val Pro Lys Glu Gly Leu Arg Ile 1010 1015 1020

Glu Asp Val Leu Val Arg Ile Ala Leu Leu Ile Leu Val Gln Glu 1025 1030 1035

Lys Val Lys Phe Val Glu Asp His Pro Gly Lys Pro Val Phe Pro 1040 1045 1050

Ser Arg Ile Leu Glu Arg Phe Pro Gly Leu Arg Ser Gly Lys Ile 1055 1060 1065

Trp Lys Glu Glu His Asp Lys Ile Met Ile Arg Ala Val Leu Lys 1070 1080

His Gly Tyr Gly Arg Trp Gln Ala Ile Val Asp Asp Lys Glu Leu 1085 1090 1095

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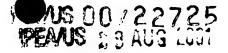
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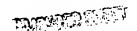
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AFT 34 AMO

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	Glu	Phe 1175	Val	Lys	Lys	Arg	Val 1180	Leu	Leu	Leu	Glu	Lys 1185	Ala	Met	Asn
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۔ ۔ اس	Asn	Gln 1265	Met	Cys	Lys	Leu	Leu 1270	Asp	Glu	Asn	Ala	Arg 1275	Glu	Ser	Val
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	Lys	Pro 1325	Asp	Leu	Asn	Asn	Val 1330				Asp	Thr 1335	Ala	Glu	Glu
								Рā	ge 1	0					



	Thr	Lys 1340		Leu	Arg	Gly	Gly 1345	Val	Val	Asp	Leu	Asn 1350	Val	Val	Glu
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, 	<400)> 3													
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Artificial Sequence

Pklseq1.app

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Arabidopsis thaliana
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Pklseq1.app

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Pklseq1.app

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...据:张砂兰

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